

Converting Colors

HunterLab(40.4117, -12.3657,
-5.2772)

Have a look what the booklet for
HunterLab(40.4117, -12.3657,
-5.2772) contains.

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Color

**HunterLab(40.4117,
-12.3657, -5.2772)**

Conversions

Conversions Part 1

Format	Color
Hex	477880
RGB	71, 120, 128
RGB Percent	28%, 47%, 50%
CMY	0.7216, 0.5294, 0.4980
CMYK	0.45, 0.06, 0.00, 0.50
HSL	188°, 29%, 39%
HSV	188°, 45%, 50%
XYZ	13.2113, 16.3311, 22.8780
YIQ	106.2610, -31.7720, -7.9000

Conversions

Conversions Part 2

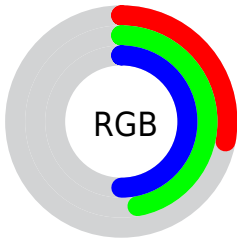
Format	Color
R_{YB}	71, 97, 128
Decimal	4683904
CIE _{Lab}	47.41, -14.30, -9.58
CIE _{LCh}	47, 17.210, 213.820
Yxy	16.3317, 0.2520, 0.3115
Android (android.graphics.Color)	4282873984 (0xFF477880)
YUV	106.2610, 10.7173, -30.9239
Hunter-Lab	40.4117, -12.3657, -5.2772

Details

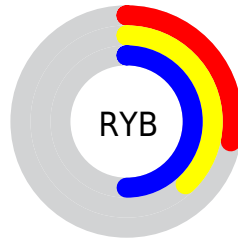
The HunterLab color $40.4117, -12.3657, -5.2772$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $32.6134, 13.1788, 9.4889$, and the grayscale version is $38.0334, -2.0294, 2.0664$.

A 20% lighter version of the original color is $60.8705, -14.8508, -5.3328$, and $22.7819, -9.3450, -5.3765$ is the 20% darker color. If you saturate the color by 10%, you get $39.3314, -13.6627, -6.7890$, and if you desaturate by 10%, it is $41.5979, -10.7059, -3.6632$.

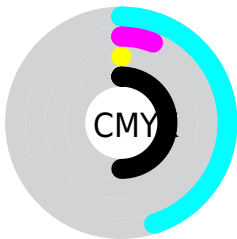
Distribution



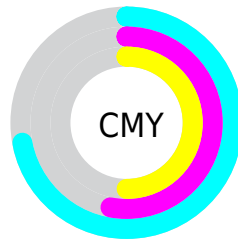
- Red (28%)
- Green (47%)
- Blue (50%)



- Red (28%)
- Yellow (38%)
- Blue (50%)



- Cyan (45%)
- Magenta (6%)
- Yellow (0%)
- Black (50%)



- Cyan (72%)
- Magenta (53%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.4117, -12.3657, -5.2772 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 40.4117, -12.3657, -5.2772 by changing the saturation by 10% instead.

■ 40.4117, -12.3657,
-5.2772

■ 40.4117, -12.3657,
-5.2772

152.0826,
-24.5012, -2.7798

■ 31.2397, -10.9436,
-5.2709

■ 60.9697, -15.1137,
-5.0822

■ 22.8901, -9.4628,
-5.1854

■ 72.2570, -16.4615,
-4.8954

■ 15.4548, -7.8862,
-5.0103

■ 84.1659, -17.8011,
-4.6554

■ 9.0552, -7.3640,
-4.7576

■ 96.6654, -19.1372,
-4.3664

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 109.7289,
-20.4729, -4.0317

0.0000, NaN, NaN

123.3330,

0.0000, NaN, NaN

-21.8109, -3.6541

0.0000, NaN, NaN

137.4571,
-23.1532, -3.2361

■ 40.4117, -12.3657,
-5.2772

■ 40.4117, -12.3657,
-5.2772

■ 39.3314, -13.6627,
-6.7890

■ 41.5979, -10.7059,
-3.6632

■ 38.3550, -14.5832,
-8.1905

■ 42.8860, -8.7015,
-1.9602

■ 37.4818, -15.1239,
-9.4735

■ 44.2739, -6.3763,
-0.1792

■ 36.7079, -15.2928,
-10.6344

■ 45.7581, -3.7559,
1.6684

■ 36.0238, -15.1228,
-11.6793

■ 47.3348, -0.8671,
3.5719

■ 35.6632, -14.9798,
-12.2388

■ 48.9996, 2.2638,
5.5217

■ 50.7480, 5.6115,
7.5090

■ 52.5757, 9.1525,
9.5267

■ 54.4784, 12.8649,
11.5684

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



40.4125, -14.2871, 1.3702



40.4117, -12.3657, -5.2772



40.4125, -7.7156, -10.4932

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



40.4125, -12.3660, -5.2766



40.4125, 10.1344, -3.6225



40.4125, -3.0178, 12.6636

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



40.4117, -12.3657, -5.2772



32.6134, 13.1788, 9.4889

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



40.4125, 3.7162, 11.7684



40.4117, -12.3657, -5.2772



40.4125, 11.5941, 3.0121

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



40.4125, -12.3660, -5.2766



40.4125, 5.3063, -9.4337



40.4125, 9.1749, 8.4743



40.4125, -9.1179, 11.1557

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



40.4117, -12.3657, -5.2772



40.4125, -3.5433, -12.0671



40.4125, 9.1749, 8.4743



40.4125, -0.7547, 12.6322

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



40.4125, -12.3660, -5.2766



58.9820, -8.0532, 0.0595



41.6377, -22.6447, 14.8351



28.3622, -4.2027, -0.1951



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



40.4125, -12.3660, -5.2766



52.2308, -18.0829, -8.9481



32.4585, -0.0838, -17.3050



21.8798, -2.4211, 0.3968



35.5145, -14.9192, -12.1838

0.0000, NaN, NaN

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



32.3298, 23.7339, -12.2516



39.7854, 38.8414, -19.9888



39.4725, 0.1475, 15.3706



20.9818, 1.3356, -0.2765

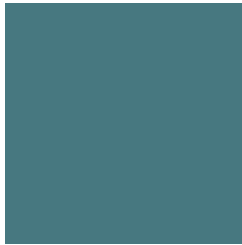


23.8071, 45.4632, -20.9945

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 40.4117, -12.3657, -5.2772 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 40.4117, -12.3657, -5.2772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 40.4117, -12.3657, -5.2772 Background



This preview shows how black text looks on a background with the HunterLab color 40.4117, -12.3657, -5.2772.



This preview shows how white text looks on a background with the HunterLab color 40.4117,

-12.3657, -5.2772.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

40.4117, -12.3657, -5.2772

Protanopia

40.1915, -0.3729, -2.4025

Deuteranopia

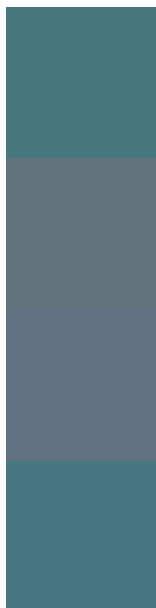
40.1577, 2.7876, -6.3871



Tritanopia

40.4444, -12.1782, -5.7379

Trichromacy



Original Color

40.4117, -12.3657, -5.2772

Protanomaly

39.9708, -5.2880, -3.7481

Deuteranomaly

39.9899, -3.4538, -6.2113

Tritanomaly

40.4444, -12.1782, -5.7379

Monochromacy



Original Color

40.4117, -12.3657, -5.2772

Achromatopsia

37.9643, -2.0257, 2.0627

Achromatomaly

38.6147, -6.3915, -0.7611

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.4117, -12.3657, -5.2772 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(71, 120, 128)` looks like.

```
.text, #text, p{  
    color:rgb(71, 120, 128)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(71, 120, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 120, 128) }
```

Border

The CSS property to change the border of an element to HunterLab 40.4117, -12.3657, -5.2772 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(71, 120, 128) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(71, 120, 128) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(71, 120, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 120, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 120, 128);  
box-shadow:4px 4px 4px 4px rgb(71, 120,  
128) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.4117, -12.3657, -5.2772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 120, 128) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(71, 120,  
128) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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